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NM Karnik, AR Tripathi - IEEE concurrency, 1998 - Citeseer

... This makes the application's task of **tracking its agents** ... mechanisms are needed so that an **agent** can carry ... may be needed for metering of **resource usage**, such as ...

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[PDF] ► [Reflective negotiating agents for real-time multisensor target tracking](#)

LK Soh, C Tsatsoulis - International Joint Conference On Artificial Intelligence, 2001 - ittc.ku.edu

... form temporary coalitions to perform a task, with each **agent** in the ... for our system is multisensor tar- get **tracking**, a distributed **resource** allocation and ...

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[Sumatra: A language for resource-aware mobile programs](#)- ► [kfupm.edu.sa](#) [PDF]

A Acharya, M Ranganathan, J Saltz - Lecture Notes in Computer Science, 1997 - Springer

... **Agent-Tcl** [15], Telescript [26] and Aglets [20 ... It also allows applications to abort **tracking** if need ... by activating counters that keep track of **resource usage**. ...

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[Strong mobility and fine-grained resource control in NOMADS](#)- ► [soton.ac.uk](#) [PDF]

N Suri, JM Bradshaw, MR Breedy, PT Groth, GA ... - Lecture Notes in Computer Science, 2000 - Springer

... Third, **tracking of resource usage** enables accounting and billing mechanisms that hosts may **use** to calculate charges for resident **agents**. ...

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[Mobile objects and agents \(MOA\)](#)- ► [sagecertification.org](#) [PDF]

DS Milojkic, W LaForge, D Chauhan - usenix.org

... than a technical-decision not to **use** RMI for ... also in the sandbox, AC, and **agent/place** interfaces ... and sandbox components were shaped to enable **resource tracking**. ...

[Cited by 107](#) - [Related articles](#) - [BL Direct](#) - [All 21 versions](#)

[PDF] ► [Information-driven dynamic sensor collaboration for tracking applications](#)

F Zhao, J Shin, J Reich - IEEE Signal Processing Magazine, 2002 - cs.brown.edu

... 2. Track quality: **Tracking** errors, track length, robustness against sensing gaps. ... 5. **Resource usage**: Power/bandwidth consumption. ...

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[PDF] ► [An overview of the nomads mobile agent system](#)

N Suri, JM Bradshaw, MR Breedy, PT Groth, GA ... - Proceedings of ECOOP, 2000 - ecs.soton.ac.uk

... Third, **tracking of resource usage** enables accounting and billing mechanisms that hosts may **use** to calculate charges for resident **agents**. ...

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[PDF] ► [MACRON: an architecture for multi-agent cooperative information gathering](#)

K Decker, V Lesser, MVN Prasad, T Wagner - ... CIKM-95 Workshop on Intelligent Information Agents, 1995 - dis.cs.umass.edu

... allowing the intelligent assignment and **tracking** of limited ... to some depth), network **resource usage**, and monetary ... the complications of a multi-agent system, any ...

[Cited by 79](#) - [Related articles](#) - [View as HTML](#) - [All 10 versions](#)

D'Agents: Security in a multiple-language, mobile-agent system- [► dartmouth.edu](#) [\(PDF\)](#)

RS Gray, D Kotz, G Cybenko, D Rus - Lecture Notes in Computer Science, 1998 - Springer

... mech- anisms [9], and debugging and **tracking** tools [11 ... Now the **agent** is on the destination machine and can interact with that machine's **resources** without any ...

[Cited by 194](#) - [Related articles](#) - [BL Direct](#) - [All 22 versions](#)

Implementing soft real-time agent control- [► ncstrl.org](#) [\(PDF\)](#)

R Vincent, B Horling, V Lesser, T Wagner - ... fifth international conference on Autonomous agents, 2001 - portal.acm.org

... Note that the **resource** modeler detected the incompatibility ... Suppose next that Negotiate

Tracking is taking ... than expected, forcing the **agent** to dynamically ...

[Cited by 35](#) - [Related articles](#) - [All 14 versions](#)

Cooperative negotiation for soft real-time distributed resource allocation- [► psu.edu](#) [\(PDF\)](#)

R Mailler, V Lesser, B Horling - ... international joint conference on Autonomous agents ..., 2003 - portal.acm.org

... That means that in critically constrained **tracking** environ- ments ... protocol was started

was a **resource** requirement change ... Sensor **agents** can use one of a number of ...

[Cited by 68](#) - [Related articles](#) - [All 15 versions](#)

Agents for the masses- [► nus.edu.sg](#) [\(PDF\)](#)

JM Bradshaw, M Greaves, H Holmback, T ... - IEEE Intelligent Systems and their applications, 1999 - ieeeexplore.ieee.org

... Java security and **resource** management , R- :, 1. M. Klein and C., &IMas,

"Exception Handling in **Agent** Sys- tems:' tobe phbiikd in Pmc. ...

[Cited by 76](#) - [Related articles](#) - [BL Direct](#) - [All 9 versions](#)

[\[PDF\] ► A multi-agent system for intelligent environment control](#)

V Lesser, M Atighetchi, B Benyo, B Horling, ... - ... Third International Conference on Autonomous Agents, 1999 - historical.ncstrl.org

... **Agents** coordinate using a **resource** coordination protocol ... we assumed the existence

of supporting technology for: identification and **tracking** of individuals ...

[Cited by 59](#) - [Related articles](#) - [Cached](#) - [All 10 versions](#)

Reflections on the nature of multi-agent coordination and its implications for an agent ...-

[► umass.edu](#) [\(PDF\)](#)

VR Lesser - Autonomous Agents and Multi-Agent Systems, 1998 - Springer

... and how the state of the **resource** affects the ... represents this type of environment

by **tracking** a quantitative ... The **agent's** task structure view may change over ...

[Cited by 153](#) - [Related articles](#) - [BL Direct](#) - [All 18 versions](#)

Principled communication for dynamic multi-robot task allocation- [► kfupm.edu.sa](#) [\(PDF\)](#)

BP Gerkey, MJ Mataric - Experimental Robotics VII, 2001 - books.google.com

... distributed approximation to a global optimum of **resource usage** which is ... model- based system relies on each **agent's** explicitly **tracking** the actions ...

[Cited by 48](#) - [Related articles](#) - [BL Direct](#) - [All 4 versions](#)

Fault-tolerant execution of mobile agents

LM Silva, V Batista, JG Silva - Dependable Systems and Networks, 2000. DSN 2000. ..., 2000 - ieeeexplore.ieee.org

... The effective **tracking** of **agents** plays an important role in a mobile ... In a mobile

agent system the detection of failures is much more ... iv) **resource** control: when ...

[Cited by 66](#) - [Related articles](#) - [All 5 versions](#)

[... to build and evaluate multi-agent systems: The java agent framework and multi-agent system ...](#)

R Vincent, B Horling, V Lesser - ... **agents**, multi-agent systems, and scalable multi-agent ..., 2001 - books.google.com
 ... 115 MASS is also responsible for **tracking** the state and ... event is created each time
 an **agent** uses the ... execution, such as its cost, quality and **resource usage**. ...
[Cited by 44](#) - [Related articles](#) - [BL Direct](#) - [All 3 versions](#)

Sold!: Auction methods for multirobot coordination- ► [stanford.edu](#) (pdf)
 BP Gerkey, MJ Mataric - IEEE Transactions on Robotics and Automation, 2002 - ieeexplore.ieee.org
 ... The first, object-tracking, requires the ... **resources**. ... Each new task was auc-
 tioned (and subsequently monitored) by an automated tasking **agent** that was executing ...
[Cited by 336](#) - [Related articles](#) - [BL Direct](#) - [All 16 versions](#)

Mobile agents- ► [kfupm.edu.sa](#) (pdf)
 K Rothermel, M Schwehm - Proceedings of the 1st International Workshop, 1997 - eprints.kfupm.edu.sa
 ... in classes for creating, transmitting and manipulat- ing **agent** processes. ... Telescript
 provides an infrastructure for **tracking** and charging **resource usage**. ...
[Cited by 94](#) - [Related articles](#) - [View as HTML](#) - [All 11 versions](#)

Rapid development and flexible deployment of adaptive wireless sensor network ...- ► [uci.edu](#) (pdf)
 CL Fok, GC Roman, C Lu - International Conference on Distributed Computing ..., 2005 - doi.ieeecomputersociety.org
 ... Once the fire has died, the **tracking agents** also die leaving only small fire detection
agents that periodically ... The minuscule **resource** consumed by these **agents** ...
[Cited by 162](#) - [Related articles](#) - [BL Direct](#) - [All 18 versions](#)

[PDF] ► **NOMADS: Toward an environment for strong and safe agent mobility**
 N Suri, JM Bradshaw, MR Breedy, PT Groth, GA ... - Proceedings of Autonomous Agents, 2000 - Citeseer
 ... Third, **tracking of resource usage** enables accounting and billing mechanisms
 that hosts may **use** to calculate charges for resident **agents**. ...
[Cited by 30](#) - [Related articles](#) - [View as HTML](#) - [All 3 versions](#)

Improving the scalability of multi-agent systems
 PJ Turner, NR Jennings - ... **agents**, multi-agent systems, and scalable multi-agent ..., 2001 - books.google.com
 ... In this case we **use** a measure of the ... it does not sell), 'supplier model low
 coverage' (**agent** has to ... and incurs a high amount of **resources tracking** requests and ...
[Cited by 62](#) - [Related articles](#) - [BL Direct](#) - [All 9 versions](#)

Decentralized, adaptive resource allocation for sensor networks- ► [usenix.org](#)
 G Mainland, DC Parkes, M Welsh - usenix.org
 ... Given the complexities of **agent** operations and unknown ... the **use** of Self-Organizing
Resource Allocation in ... implemented the SORA-based vehicle **tracking** system in ...
[Cited by 61](#) - [Related articles](#) - [Cached](#) - [All 14 versions](#)

Distributed embedded smart cameras for surveillance applications- ► [tugraz.at](#) (pdf)
 M Bramberger, A Doblander, A Maier, B ... - Computer, 2006 - ieeexplore.ieee.org
 ... We **use** a master-slave approach for the ... provides the **resources** for the **tracking agent**
 on the ... the master-slave approach increases **resource** utilization because ...
[Cited by 77](#) - [Related articles](#) - [BL Direct](#) - [All 10 versions](#)

State capture and resource control for java: The design and implementation of the aroma ...-
 ► [fihmc.com](#) (pdf)
 N Suri, JM Bradshaw, MR Breedy, KM Ford, PT ... - Java Virtual Machine Research and Technology ..., 2001 -
 usenix.org
 ... **Tracking of resource use**, based on **resource** control ... state capture and dynamic,
 fine-grained **resource** control and ... a research project on mobile **agent** systems and ...
[Cited by 22](#) - [Related articles](#) - [All 12 versions](#)

Poaching and distraction in asynchronous agent activities- ► umass.edu [PDF]

MH Chia, DE Neiman, VR Lesser - ... Conference on Multi-Agent Systems, Paris, France, 1998 - doi.ieeecomputersociety.org

... information in the form of texture measures [14], abstract representations of an **agent's resource** availability, current **resource usage**, and estimated ...

Cited by 36 - Related articles - All 9 versions

Agent Tcl: Targeting the needs of mobile computers

D Kotz, R Gray, S Nog, D Rus, S Chawla, G ... - IEEE Internet Computing, 1997 - ieeexplore.ieee.org

... security mechanisms, and debugging and **tracking** tools. ... the memory manager might limit an **agent** to 100 ... In addition to absolute limits on **resource use**, we plan ...

Cited by 190 - Related articles - All 8 versions

Experiences and future challenges in mobile agent programming

AR Tripathi, T Ahmed, NM Karnik - Microprocessors and Microsystems, 2001 - Elsevier

... like exception handling, activity **tracking**, statistical data ... available Java-based mobile **agent** platforms are ... metering and controlling the **resource usage** levels ...

Cited by 44 - Related articles - All 4 versions

A secure marketplace for mobile java agents

K Neuenhofen, M Thompson - ... second international conference on Autonomous agents, 1998 - portal.acm.org

... Lastly, **tracking** of **resource usage** serves as the foundation of any kind of accounting and billing mechanisms that the **agent** system might use to calculate ...

Cited by 16 - Related articles - All 3 versions

Challenges in the migration to 4G mobile systems- ► upatras.gr [PDF]

SY Hui, KH Yeung - IEEE Communications Magazine, 2003 - ieeexplore.ieee.org

... Positioning System (GPS) (for **tracking** her current ... them use mobile **agents**, but some do not [10 ... with respect to speed, accuracy, **resource usage**, and convenience ...

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